

ABSTRACT

A mount apparatus for mounting a measurement device on a rail car above a track surface of a railroad track including a securement member adapted to be secured to the unsprung component of the rail car, a pivot arm pivotably connected to the securement member, the pivot arm including a lever arm extending therefrom, and a swing arm connecting the lever arm of the pivot arm to the sprung component of the rail car. The swing arm rotates the pivot arm so that a distal end of the pivot arm is maintained at a substantially fixed height distance above the track surface.